

Amendments to the Specification:

Please amend the specification as follows:

Please replace the paragraph bridging pages 3 and 4, with the following replacement paragraph:

In FIG. 2, the ATM equipment 30 is composed of a voice circuit interfacing section 310 which interfaces with the telephone exchange 10 and/or the voice terminal 20 using either the digital interface such as the ISDN basic interface or the primary rate of 1.544 Mb/s or 2.048 Mb/s, or the analog interface of the two-line loop dial (LD) method or the four-line outband dial (OD) method, an interexchange channel interfacing section 320 which interfaces with the ATM network 40 through the ATM circuit 5 using an interfacing method according to the ATM network 40, [a] an ATM bus 330 which connects the voice circuit interfacing section 310 and the interexchange channel interfacing section 320 to transmit and receive cells between the two interfacing sections, a main control section 340 which controls the whole of the ATM equipment 30, a memory section 350 which is connected to the main control section 340 and stores a process program for the main control section 340 to perform control operation, configuration information necessary for communication operation, or other control data, a SVC control section 360 which converts, when the voice circuit interfacing section 310 receives a transmission request signal and the SVC control section 360 receives a transmission information corresponding to the transmission request signal from the voice circuit interfacing section 310, the transmission request information into a message for signaling in conformity with the protocol on the ATM network 40, and a SAR control section 370 which makes, when it receives the message information from the SVC control section 360, the message information cells of the format of the ATM adoption adaptation layer type 5 (hereinafter referred to as "AAL5") to deliver the cells to the corresponding interexchange channel interfacing section 320 through the ATM bus 330.

Please replace paragraph bridging pages 4 and 5, with the following rewritten paragraph:

Further, the interexchange channel interfacing section 320 includes an ATM bus interfacing section 321 which interfaces with the ATM bus 330, a line interfacing section 322 which interfaces with the ATM network 40, and transfers the cells received by the ATM bus interfacing section 321 to the ATM network 40 and also delivers the cells received from the ATM network 40 to the ATM bus interfacing section 321, and [[a]] an interexchange channel control section 323 which controls the whole of the interexchange channel interfacing section 320 under the control of the main control section 340. Incidentally, the interexchange channel control section 323 is delivered the configuration from the main control section 340, and the line interfacing section 322 sends the cells received by the ATM bus interfacing section 321 from the Segmentation Assembly and Reassembly (SAR) control section 370 through the ATM bus 330 to the ATM network 40 through the telephone cell path for signaling (call establishment) according to the cell multiplexing information included in the configuration information.

Please replace the paragraph bridging pages 5 and 6, with the following replacement paragraph:

The SAR control section 370 makes the received message to cells of an AAK5 AAL5 to deliver the cells to the ATM bus 330, and the corresponding interexchange channel interfacing section 320 receives the cells. Then, the interexchange channel interfacing section 320 makes the cells received from the SAR control section 370 cell-multiplexed according to the cell multiplexing information included in the configuration information delivered from the main control section 340, and sends the multiplexed cells to the ATM network 40 through the telephone call path for signaling (call establishment) as the call establishment message (SETUP) (S303). In this case, the address information showing the PBX-B along with other information such as the information

transferring capacity and user speed are included to the call establishment message (SETUP).

Please replace the first full paragraph on page 9, lines 7-18, with the following replacement paragraph:

The SAR control section 370, then, makes the received message cell of AAL5 to send it out to the ATM bus 330, and the corresponding interexchange channel interfacing section 320 receives the cell. The interexchange channel interfacing section 320 makes the cell received from the SAR control section 370 cell-multiplexed to send the multiplexed cell to the ATM network 40 through the telephone call path for signaling as the response acknowledgement message (CONN-ACK) (S316). In addition, when analyzing the contents of the information received from the SVC control section 360, the main control section 340 recognizes the arrival to the PBX-A to inform the corresponding voice circuit interfacing section 310 of the arrival. Thereby, the voice circuit interfacing section 310 recognizes that the response to the line to which it is connected has been performed and delivers [[an]] a response signal to the PBX-A (S317).